

Title (en)
A BILE RESISTANT BACILLUS COMPOSITION

Title (de)
GALLENFLÜSSIGKEITRESISTENTE BACILLUS MISCHUNG

Title (fr)
COMPOSITION DE BACILLE RÉSISTANT À LA BILE

Publication
EP 2379705 B2 20191002 (EN)

Application
EP 09795409 A 20091216

Priority
• EP 2009067317 W 20091216
• EP 08389501 A 20081219
• EP 09795409 A 20091216

Abstract (en)
[origin: WO2010070005A1] A bacillus composition characterized by fast germination and outgrowth in bile salts (simulated gut environment) and by producing a compound of interest. The bacillus composition may be used as supplement in animal feed where it has a probiotic (health promoting) effect and increases the digestion and availability of nutrients from animal feeds.

IPC 8 full level
C12N 1/20 (2006.01); **A23K 10/18** (2016.01); **A23K 20/00** (2016.01); **A23L 33/135** (2016.01); **C12N 15/01** (2006.01); **C12R 1/125** (2006.01)

CPC (source: EP US)
A23K 10/18 (2016.05 - EP US); **A23K 20/00** (2016.05 - EP US); **A23L 33/135** (2016.07 - EP US); **C12N 1/20** (2013.01 - EP US); **C12N 1/205** (2021.05 - EP US); **C12N 15/01** (2013.01 - EP US); **A23V 2002/00** (2013.01 - US); **C12R 2001/125** (2021.05 - EP US)

Citation (opposition)
Opponent :
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• ATCC Product sheet Bacillus subtilis: 15A-P4 (PTA-6507)
• ATCC Product sheet Bacillus subtilis: 22C-P1 (PTA-6508)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010070005 A1 20100624; BR PI0923022 A2 20150804; CN 102300980 A 20111228; DK 2379705 T3 20170227; DK 2379705 T4 20191209; EP 2379705 A1 20111026; EP 2379705 B1 20161130; EP 2379705 B2 20191002; ES 2613805 T3 20170526; ES 2613805 T5 20200526; JP 2012512639 A 20120607; PL 2379705 T3 20170731; PL 2379705 T5 20200810; RU 2011129817 A 20130127; US 2011262584 A1 20111027; US 2014370146 A1 20141218; US 8802079 B2 20140812

DOCDB simple family (application)
EP 2009067317 W 20091216; BR PI0923022 A 20091216; CN 200980151422 A 20091216; DK 09795409 T 20091216; EP 09795409 A 20091216; ES 09795409 T 20091216; JP 2011541411 A 20091216; PL 09795409 T 20091216; RU 2011129817 A 20091216; US 200913139894 A 20091216; US 201414284097 A 20140521